

DISK DRIVE HAVING DISK DRIVE HOUSING INCLUDING AIRFLOW

SUPPRESSOR PORTION

ABSTRACT OF THE DISCLOSURE

According to the present invention, there is provided a disk drive that includes a housing including a body portion and an airflow suppressor portion extending from the body portion. The disk drive includes a disk that includes an inner disk edge, an outer disk edge and a disk surface. The disk drive includes a head stack assembly rotatably coupled to the body portion. The head stack assembly includes an actuator arm including a first arm surface disposed adjacent the disk surface and an opposing second arm surface. The disk drive includes upstream and downstream regions. The airflow suppressor portion is radially disposed substantially between the inner and outer disk edges within the upstream region and extends entirely from the housing body portion beyond the second arm surface towards the disk surface for modifying disk rotation induced airflow upon the head stack assembly.